

Converting Colors

Hex(7AEAFF)

Have a look what the booklet for
Hex(7AEAFF) contains.

Hex(7AEAFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7AEAFF)

Conversions

Conversions Part 1

Format	Color
Hex	7AEAFF
RGB	122, 234, 255
RGB Percent	48%, 92%, 100%
CMY	0.5216, 0.0824, 0.0000
CMYK	0.52, 0.08, 0.00, 0.00
HSL	189°, 100%, 74%
HSV	189°, 52%, 100%
XYZ	55.4989, 70.2032, 105.2332
YIQ	202.9060, -73.4930, -17.2130

Conversions

Conversions Part 2

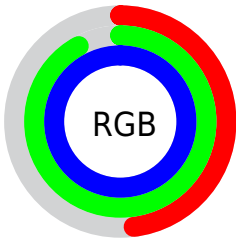
Format	Color
RYB	122, 183, 255
Decimal	8055551
CIELab	87.10, -26.47, -19.99
CIELCh	87, 33.168, 217.058
Yxy	70.2032, 0.2403, 0.3040
Android (android.graphics.Color)	4286245631 (0xFF7AEAFF)
YUV	202.9060, 25.6823, -70.9546
Hunter-Lab	83.7874, -28.3935, -15.8145

Details

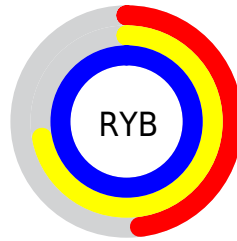
The Hex color **7AEAFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF8F7A**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **B6FFFF**, and **38B2C6** is the 20% darker color. If you saturate the color by 10%, you get **61E6FF**, and if you desaturate by 10%, it is **94EEFF**.

Distribution



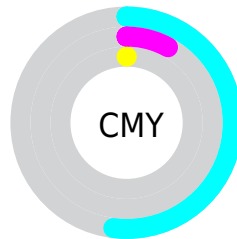
- Red (48%)
- Green (92%)
- Blue (100%)



- Red (48%)
- Yellow (72%)
- Blue (100%)



- Cyan (52%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AEAFF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7AEAFF by changing the saturation by 10% instead.

 7AEAFF

 7AEAFF

FFFFFF

 5BCEE2

 B6FFFF

 38B2C6

 D5FFFF

 0097AB

 F3FFFF

 007D90

 006477

 004B5E

 003446

 002130

 00011B

 7AEAFF

 7AEAFF

 61E6FF

 94EEFF

 47E2FF

 ADF2FF

 2EDEFF

 C7F6FF

 14DAFF

 E0FAFF

 00D7FF

 FAFEFF

 FFFFFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84ECE1



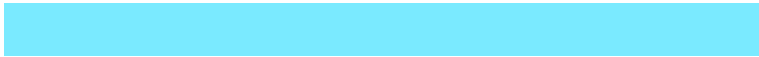
7AEAFF



92E4FF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7AEAFF



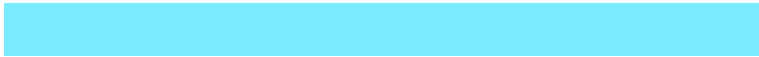
FFC6F3



E9DB9B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7AEAFF



FF8F7A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD0A1



7AEAFF



FFC3D4

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7AEAFF



E8CFFF



FFC7B6



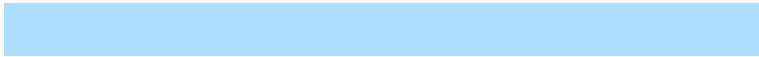
C7E4A7

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7AEAFF



AEDEFF



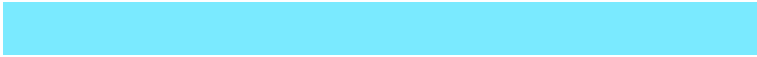
FFC7B6



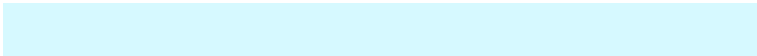
F4D79B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7AEAFF



D6F9FF



7AFF8E



677C80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7AEAFF



5EE6FF



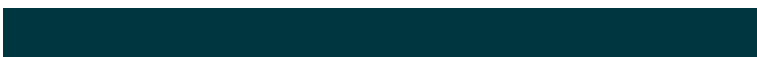
7AA9FF



737D80



00A1BF



003640

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF7AEA



FF5EE6



FFD07A



80737D



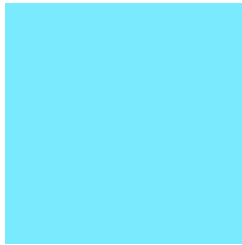
BF00A1



400036

Previews

White Background



This preview shows how the Hex color 7AEAFF looks on a white background.

Color Contrast Check

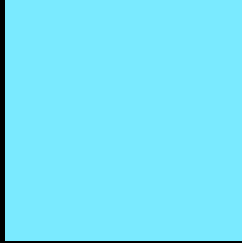
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7AEAFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

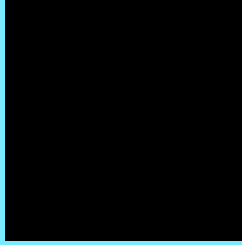
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7AEAFF Background



This preview shows how black text looks on a background with the Hex color 7AEAFF.

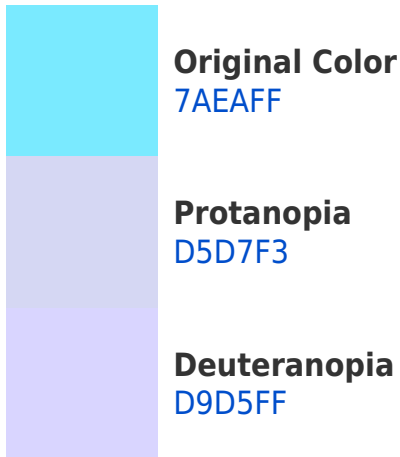


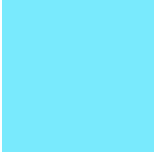
This preview shows how white text looks on a background with the Hex color 7AEAFF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
79EAFD

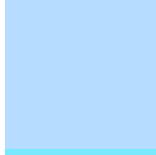
Trichromacy



Original Color
7AEAFF



Protanomaly
B4DEF7



Deuteranomaly
B6DDFF

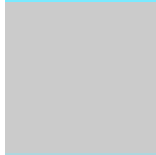


Tritanomaly
79EAFE

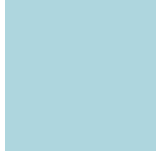
Monochromacy



Original Color
7AEAFF



Achromatopsia
CBCBCB



Achromatomaly
AED6DE

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AEAFF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7AEAFF looks like.

```
.text, #text, p{  
    color:#7AEAFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7AEAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AEAFF
}
```

Border

The CSS property to change the border of an element to Hex 7AEAFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7AEAFF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7AEAFF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7AEAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AEAFF; -webkit-box-shadow:4px 4px  
4px 4px #7AEAFF; box-shadow:4px 4px 4px  
4px #7AEAFF }
```

Background

The CSS property to change the background color of an element to Hex 7AEAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AEAFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7AEAFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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